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Pairing OER with Adaptive Learning to Support Non-traditional Learners: Promises, Unicorns, and Barriers

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Pairing OER with Adaptive Learning to Support Non-traditional Learners

Promises, Unicorns, & Barriers

Speakers

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Senior Course Builder

Why we're different

Central course management model

Few stakeholders to convince

High mission-centricity

Vision

Why we're different

Adaptive

20 courses

13 more by Fall 2017

40 more by Fall 2018



<https://www.flickr.com/photos/usnavy/8093616398/>

Content Strategy

Open texts

Open curation

Self creation



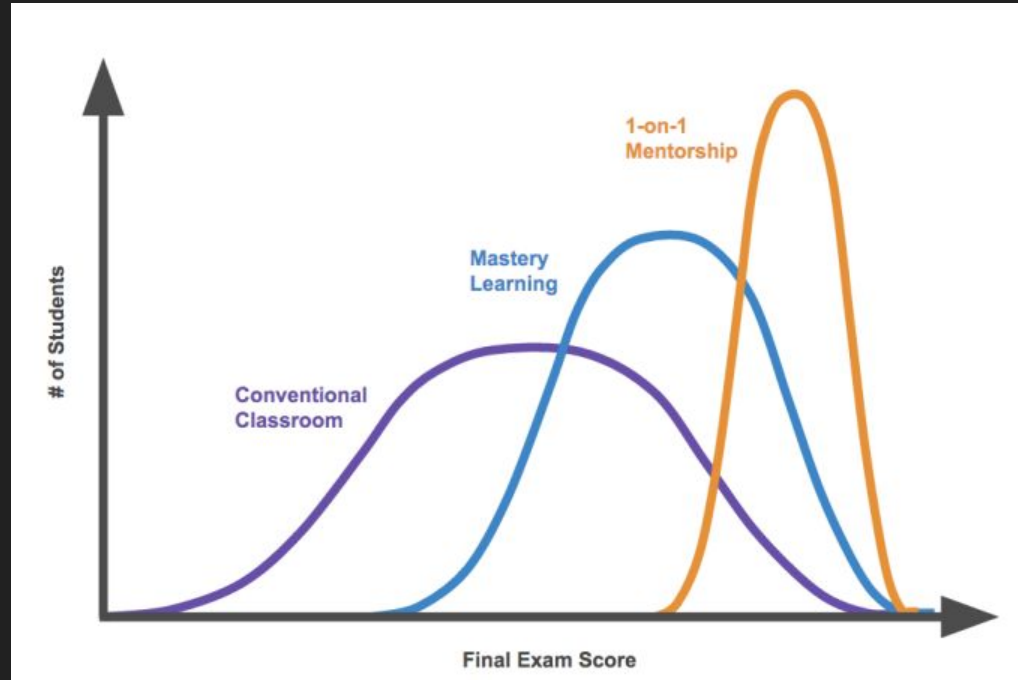
<https://www.flickr.com/photos/lovemaegan/4362261135>

Adaptive Learning

*Solutions that take a sophisticated, **data-driven**, and in some cases, non-linear approach to instruction and remediation, adjusting to each learner's interactions and **demonstrated performance** level and subsequently anticipating what types of **content and resources meet the learner's** needs at a specific point in time.*

-Tyton Partners (2012)

Adaptive Benefit



OER

*Any copyrightable work (traditionally excluding software, which is described by other terms like "open source") that is licensed in a manner that provides users with **free** and **perpetual permission** to engage in the 5R activities:*

Retain, Reuse, Revise, Remix, Redistribute

-David Wiley

OER Benefit

\$1,298

Average yearly textbook costs

The College Board (2016).



OER Benefits

A large-scale, multi-institution study found:

Improved course completion

Course grades comparable or higher

Higher subsequent enrollment intensity

Outcomes for Non-Trads

10%

Persistence above nat'l ave

\$250_k

4-year savings for PSY & BUS students

Barriers

The wild west of OER structure

Rigid ingestion structures of adaptive platforms

Production costs rise

Overcoming Barriers

Pressure on OER providers

Pressure on adaptive providers

Work through standards group(s)



Terms

Module

Unit

Lesson

Outcome

Objective

Goal

Assignment

Activity

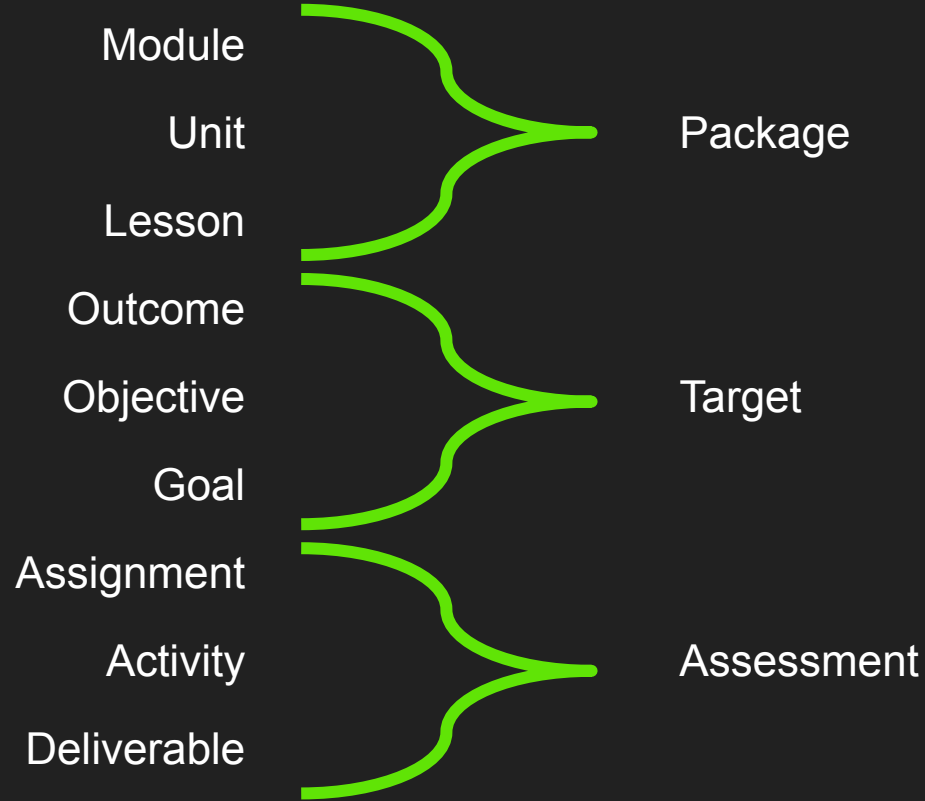
Deliverable

Concepts

Package

Target

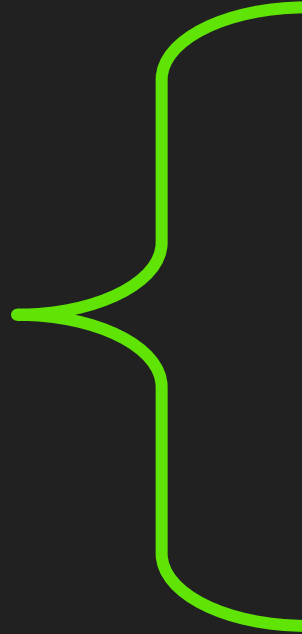
Assessment



Concept

Properties

Lesson



Title

Heading H1

Text

Video Element

Heading H2

Text

Image Element

Questions / Comments

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References

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